

MATERIAL SAFETY DATA SHEET



Date-Issued: 11/05/2003
MSDS Ref. No: 23309-10
Date-Revised: 11/05/2003
Revision No: New MSDS

Scotts® Turf Builder® Lawn Fertilizer with Added Nutrients 29-3-4

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Scotts® Turf Builder® Lawn Fertilizer with Added Nutrients 29-3-4
PRODUCT DESCRIPTION: Lawn Fertilizer

MANUFACTURER

The Scotts Company
Earthgro-Hyponex-Miracle Gro
Scotts-Scotts Lawn Service-Scotts Sierra-
Swiss Farms
14111 Scottslawn Road
Marysville, OH 43041

PN: S8738

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (U.S.): (800) 424-9300
International: 1-703-527-3887
Emergency Phone: 1-937-644-0011

2. COMPOSITION / INFORMATION ON INGREDIENTS

| <u>Chemical Name</u> | <u>CAS#</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> |
|---|-------------|-----------------|------------------|
| Urea | 57-13-6 | None | None |
| Ammonium Phosphate | 7722-76-1 | None | None |
| Ammonium Sulfate | 7783-20-2 | None | None |
| Potassium Sulfate | 7778-80-5 | None | None |
| Iron Sulfate Heptahydrate (Ferrous Sulfate) | 7782-63-0 | 1 mg (Fe)/m3 | 1 mg (Fe)/m3 |
| Manganese Oxide | 1344-43-0 | 5 mg (Mn)/m3 | 5 mg (Mn)/m3 |
| Manganese Sulfate | 7785-87-7 | 5 mg (Mn)/m3 | 5 mg (Mn)/m3 |
| Nuisance Dust | | 15 mg/m3 | 3 mg/m3 |

COMMENTS: The ACGIH Threshold Limit Values (TLV) for nuisance (inert) dusts containing < 1% crystalline silica and no asbestos are: 10 mg/m3 inhalable particulates and 3 mg/m3 respirable particulate. The OSHA TLV is 15 mg/m3 total dust, 5 mg/m3 respirable fraction. Material exposure limits are for airborne 8-hour time-weighted averages and apply only to occupational exposures.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: CAUTION: May cause eye irritation. Keep out of reach of children.

POTENTIAL HEALTH EFFECTS

EYES: May cause eye irritation.

SKIN: Not known to be a skin irritant.

INGESTION: Possible nausea, vomiting, diarrhea.

INHALATION: May cause symptoms typical of a nuisance dust, such as coughing, sneezing, and minor respiratory tract irritation.

MEDICAL CONDITIONS AGGRAVATED: Inhalation of dust may aggravate asthma.

ROUTES OF ENTRY: Ingestion, skin, inhalation, and/or eyes.

4. FIRST AID MEASURES

EYES: If in eyes, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

SKIN: If on skin or clothing, take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

INGESTION: If swallowed, call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

INHALATION: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

COMMENTS: See product label for specific First Aid Measures. The above measures are the most conservative and would apply in the event a product label is not immediately available.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical or select appropriate method of extinguishing surrounding fire. Contain any run-off as ingredients may be toxic to aquatic organisms.

HAZARDOUS COMBUSTION PRODUCTS: In a fire, ammonia and toxic oxides of nitrogen, carbon, potassium and sulfur may be generated.

FIRE FIGHTING PROCEDURES: Use self-contained air supply. Contain run-off as ingredients may be toxic to aquatic organisms.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Sweep up spills. Use good housekeeping practices. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove to approved landfill.

7. HANDLING AND STORAGE

HANDLING: See label. Wash hands with soap and water after handling product. Avoid container breakage. Avoid inhalation or contact with skin, eyes, or clothing. Do not contaminate water sources when disposing of equipment wash waters. Keep out of lakes, streams, or ponds. KEEP OUT OF REACH OF CHILDREN.

STORAGE: See label. KEEP OUT OF REACH OF CHILDREN. Avoid container breakage. Store in cool, dry area in closed container or package. Keep away from feed or foodstuffs.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: See label. Protective eye wear is normally not required but is suggested so contact can be avoided.

SKIN: No special protective clothing is required under normal use conditions. Wear long pants, shoes, and socks when applying the product. Avoid tracking product into the home.

RESPIRATORY: If airborne dust levels are high, a dust mask is recommended to avoid inhalation.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid

APPEARANCE: Granular mixture.
COLOR: Multi-colored.

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

CONDITIONS TO AVOID: Avoid moisture.

HAZARDOUS DECOMPOSITION PRODUCTS: High temperatures of fire may produce irritating gases & vapors.

INCOMPATIBLE MATERIALS: None known.

11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY:

CARCINOGENICITY COMMENTS: IARC: No; NTP: No; OSHA: No

GENERAL COMMENTS: There are limited data regarding this product. Exposure to this product can occur by eye and skin contact, ingestion, or inhalation of dust/mists. Eye contact may cause slight, temporary irritation. Skin contact may cause mild irritation in susceptible persons. High dust/mist concentrations may cause mild respiratory tract irritation with coughing and nasal discharge. Ingestion may result in gastrointestinal irritation. All materials contained in this product are considered to have low toxicity by the expected routes of exposure.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Keep out of lakes, streams, or ponds.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Read and follow label disposal instructions. If empty, do not reuse container, discard in trash. If partially filled, call local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any drain and keep away from water sources.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not DOT regulated.

OTHER SHIPPING INFORMATION: The transportation information shown may not apply to all shipping situations. Consult 49 CFR, or appropriate Dangerous Goods Regulations for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping regulations.

15. REGULATORY INFORMATION

GENERAL COMMENTS: Refer to product label for disposal recommendations. Contact local authorities for proper disposal of large quantities of product.

16. OTHER INFORMATION

REVISION SUMMARY New MSDS

NFPA CODES

HEALTH: 2 **FIRE:** 0 **REACTIVITY:** 0

NFPA STORAGE CLASSIFICATION: NFPA Hazard Rating: 0=Least; 1=Slight; 2=Moderate; 3=High; 4=Severe.

MANUFACTURER DISCLAIMER: The information contained herein is, to the best of the Manufacturer's (see Section 1) knowledge and belief, accurate and reliable as of the date of preparation of this document. However, no warranty or guarantee, express or implied, is made as to the accuracy or reliability, and the Manufacturer shall not be liable for any loss or damage arising out of the use thereof. No authorization is given or implied to use any patented invention without a license. In addition, the Manufacturer shall not be liable for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.

GENERAL STATEMENTS: This document contains health, safety, and environmental information useful to emergency response agencies, health care providers, manufacturers, and workers/employees. It does not replace the precautionary language, use directions, or the storage and disposal information found on the product label.